

AMENDMENTS TO THE SPECIFICATION

Please replace the present title with the following title:

Method and System for High Resolution Autonomous Precision Positioning

Please replace the third paragraph on page 4 with the following amended paragraph:

It is another object of the invention to provide safe landing of general aviation and transport aircraft (covered by parts 25, 91, 121 and 125 in the Code of Federal Regulation) in low visibility conditions [~~Category II, IIIa, and IIIb defined by the Federal Aviation Administration (FAA)~~] (Category II, IIIa, and IIIb defined by the Federal Aviation Administration (FAA)) without dependence on high reliability ground transmitting equipment.

Please replace the heading on page 16, line 14 with the following heading:

C. Range/Range Rate Measurements Integrated Into Kalman Filter